



CX2

CX2E0RA/10-064VTB

Area Sen, H=640mm-10mm pitch,E+R,I+V

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	0,3 ... 6m
Beams space	10mm
controlled height	640mm
minimum detectable object	Ø 10mm
number of rays	65
Sensitivity adjustment	Teach-in by wire

Application

Function Principle	emitter/receiver
--------------------	------------------

Outputs

Output type	0,,,10V + 4,,,20mA
-------------	--------------------

Output Function	positive/negative slope
Switching frequency	18,1Hz

Electrical data

Operating Voltage	16,8... 30Vdc
No-Load supply current	≤330mA
Load current	< 100mA
Leakage current	≤ 10μA
Output voltage drop	< 1,5V @ 100mA
Max ripple content	< 1,2Vpp
LED indicators	Blue, red and yellow (emitter) - green, red and yellow (receiver)
Time delay before availability	< 3s
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	Infrared (880nm)
Impulsive Overvoltage Protection	Yes

Mechanical data

Housing material	Aluminium
Weight	1500g
Connections	M12 4pin + cable PVC 200mm ; M12 8pin + cable PVC 200mm

Active Head Material	PMMA
----------------------	------

Storage temperature	- 25°C...+ 60° C (without freeze)
---------------------	-----------------------------------

Test/Approvals

Approvals	CE, cULus
-----------	-----------

EMC compatibility	IEC 60947-5-2
-------------------	---------------

Shocks and vibrations	IEC EN 60947-5-2
-----------------------	------------------

Accessories

Supplied Accessories	ST151 fixing kit
----------------------	------------------

Generical Data

Dimensions	649x36x20
------------	-----------

Operating Temperature	-10°C...+ 55° C (without freeze)
-----------------------	----------------------------------

Mechanical Protection	IP67
-----------------------	------

Datasensing S.r.l.

Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail
info@datasensing.com

**date of
printing**
10/08/2026
03:34:19